

4. (Amended) A purified or isolated nucleic acid comprising the nucleotides of one of SEQ ID NOs: [40-44, 46, 48, 49, 51-53, 55, 56, 58-72, 75-78, 80-88, 90, 93, 94, 97, 99-125, 127, 132, 133, 135-138, 140, and 242-377] 66, 71, 76, 78, 113, 116, 117, 118, 123, and 124 which encode a mature protein.

B1 Conclude
5. (Amended) A purified or isolated nucleic acid comprising the nucleotides of one of SEQ ID NOs: [40, 42-46, 48, 49, 51, 53, 57, 60, 62-73, 76-78, 80-83, 85-88, 90, 93-95, 97, 99-102, 104, 107-125, 127, 128, 130, 132, 134-140 and 242-377] 66, 71, 76, 78, 113, 116, 117, 118, 123, and 124 which encode the signal peptide.

6. (Amended) A purified or isolated nucleic acid encoding a polypeptide having the sequence of one of the sequences of SEQ ID NOs: [141-241 and 378-513] 167, 172, 177, 179, 214, 217, 218, 219, 224, and 225.

7. (Amended) A purified or isolated nucleic acid encoding a polypeptide having the sequence of a mature protein included in one of the sequences of SEQ ID NOs: [141-145, 147, 149, 150, 152-154, 156, 157, 159-172, 176-179, 181-189, 191, 194, 195, 198, 200-226, 228, 233, 234, 236-239, 241 and 378-513] 167, 172, 177, 179, 214, 217, 218, 219, 224, and 225.

8. (Amended) A purified or isolated nucleic acid encoding a polypeptide having the sequence of a signal peptide included in one of the sequences of SEQ ID NOs: [141, 143-147, 149, 150, 152, 154, 158, 161, 163-174, 177-179, 181-184, 186-189, 191, 194-196, 198, 200-203, 205, 208-226, 228, 229, 231, 233, 235-241, and 378-513] 167, 172, 177, 179, 214, 217, 218, 219, 224, and 225.

B2
13. (Amended) A method of making a protein comprising one of the sequences of SEQ ID NO: [141-241 and 378-513] 167, 172, 177, 179, 214, 217, 218, 219, 224, and 225, comprising the steps of:

obtaining a cDNA comprising one of the sequences of sequence of SEQ ID NO: [40-140 and 242-377] 66, 71, 76, 78, 113, 116, 117, 118, 123, and 124;

inserting said cDNA in an expression vector such that said cDNA is operably linked to a promoter; and

introducing said expression vector into a host cell whereby said host cell produces the protein encoded by said cDNA.